

Saulius Rumbutis

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

1980 - 1985	Pedagogical Institute of Vilnius State, Faculty of Nature and Geography. Graduated as a teacher of basics of biology and agriculture.
1969 - 1980	Secondary education.

PROFESSIONAL EXPERIENCE

2019 - until now	Head of the department of scientific curation of the collections of the Tadas Ivanauskas Zoological Museum in Kaunas.
2015 - 2023	Biologist of Public Enterprise "Nature Conservation Projects Development Fund".
2011 - 2015	Junior expert in biology and communication at Public Enterprise "Nature Conservation Projects Development Fund".
2000 - 2019	Head of the ornithology department of the Tadas Ivanauskas Zoological Museum in Kaunas.
1991 - 2000	Senior zoologist at the ornithology department of the Tadas Ivanauskas Zoological Museum in Kaunas.
1989 - 1991	Head of the Department of Biological Analysis and Experimental Taxidermy at the Tadas Ivanauskas Zoological Museum in Kaunas.
1985 - 1989	Teacher at Akademija secondary school, Kėdainiai district.

RESEARCH INTERESTS

Field of research: biology of owls and birds of prey (lifespan, survival, age in the population, dispersal distances), biometrics (sexual dimorphism, individual parameters, color variations), abundance and territorial distribution, breeding (incubation, breeding success), autumn and winter ecology, nutrition, behavior, threats and protection.

The main tasks of working with the house owl include the development of both conventional and remote research methods during autumn and winter, studies of hibernation ecology, dynamics of pair formation and dissolution, diversity of phenotypes, distribution in habitats, short-term and long-term changes of phenotypes in the population, and the effect of phenotypic plasticity on demographic indicators of the population.

PUBLICATIONS

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (with citation index):

Dementavičius, D., **Rumbutis, S.**, Treinys, R. 2022. Spatial and temporal variation in breeding performance in the increasing White-tailed Eagle *Haliaeetus albicilla* population to the east of the Baltic Sea. *Bird Study* 68(4): 1-15.

Virbickas, T., Dementavičius, D., **Rumbutis, S.**, Vaitkuvienė, D., Dagys, M. and Treinys, R. 2021. Understanding recreational targets and ecological consequences: increased northern pike stocking reflected in top avian predator diet. *European Journal of Wildlife Research* 67: 5.

Dementavičius, D., **Rumbutis, S.**, Virbickas, T., Vaitkuvienė, D., Dagys, M. and Treinys, R. 2020. Spatial and temporal variations in the White-tailed Eagle *Haliaeetus albicilla* breeding diet revealed by prey remains. *Bird Study* 67: 206-216.

Dementavičius, D., **Rumbutis, S.**, Vaitkuvienė, D., Dagys, M., Grašytė, G., Dagys, M. and Treinys, R. 2019. No adverse effects to Lesser Spotted Eagle breeding in an area of high White-tailed Eagle density. *Journal of Ornithology* 160: 453–461.

Rumbutis, S., Vaitkuvienė, D., Grašytė, G., Dagys, M., Dementavičius, D. and Treinys, R. 2017. Adaptive habitat preferences in the Tawny Owl *Strix aluco*. *Bird Study* 64: 421–430.

Grašytė G., **Rumbutis S.**, Dagys M., Vaitkuvienė D., Treinys R. 2017. Tawny Owl females of intermediate colour morph reproduce better and increase in a local polymorphic population. *Ornis Fennica* 94: 33–44.

Grašytė G., **Rumbutis S.**, Dagys M., Treinys R. 2016. Breeding performance, apparent survival, nesting location and diet in a local population of the Tawny Owl *Strix aluco* in Central Lithuania over the long-term. *Acta Ornithologica* 51(2):163-174.

Treinys, R., Dementavičius, D., **Rumbutis, S.**, Švažas, S., Butkauskas, D., Sruoga, A. and Dagys, M. 2016. Settlement, habitat preference, reproduction, and genetic diversity in recovering the white-tailed eagle *Haliaeetus albicilla* population. *Journal of Ornithology* 157: 311–323.

Treinys, R., Dementavičius, D., Mozgeris, G., Skuja, S., **Rumbutis, S.** and Stončius, D. 2011. Coexistence of protected avian predators: does a recovering population of White-tailed Eagle threaten to exclude other avian predators? *European Journal of Wildlife Research* 57: 1165–1174.

Treinys, R., Löhmus, A., Stončius, D., Skuja, S., Drobėlis, E., Šablevičius, B., **Rumbutis, S.**, Dementavičius, D., Naruševičius, V., Petraška, A. and Augutis, D. 2008. At the border of ecological change: status and nest sites of the Lithuanian black stork *Ciconia nigra* population 2000–2006 vs. 1976–1992. *Journal of Ornithology* 149: 75–81.

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (without citation index):

Rumbutis, S. 1997. Long-term observations on breeding biology of the Tawny Owl (*Strix aluco*) female. *Acta Zoologica Lituanica* 6: 131–132.

Rumbutis, S. 1990. Spring arrival date, breeding biology and breeding success of the Long – eared Owl (*Asio otus* L.) in central Lithuania. *Acta Ornithologica Lituanica* 2: 117–121.

Other reviewed scientific publications (books, books' chapters, collections of articles, articles, textbooks and etc.):

Rumbutis, S., Blaževičius, P., Piličiauskienė, G. Birds in the castles of Vilnius. In the monograph: Blaževičius, P., Dambrauskaitė, N., Luik, H., Piličiauskienė, G., Rumbutis, S., Zarankaitė-Margienė, T. Fauna of Vilnius castles from steak to friend. – Vilnius: Vilnius University Publishing House, 2018, - 328 p.: illustration. Bibliogr.: 293-323.

Blaževičius, P., **Rumbutis, S.**, Zarankaitė, T. 2012. The latest research on hunting, game and domestic birds in the Vilnius Lower Castle in the 14th–15th century. Chronicle of the Grand Dukes Lithuania vol. II, p. 299-319.

Mammen, U. and Stubbe, M. 2009. Monitoring of European Raptors and Owls: Annual Report for 2003 and 2004. *Monitoring of European Raptors and Owls – Annual Report 16–17*: 1–118.

Mammen, U. and Stubbe, M. 2003. Monitoring of Raptors and Owls in Europe: Annual Report 2002. *Monitoring of Raptors and Owls in Europe 15*: 1–101.

Mammen, U. and Stubbe, M. 2002. Monitoring of Raptors and Owls in Europe: Annual Report 2001. *Monitoring of Raptors and Owls in Europe 14*: 1–111.

Rumbutis S. 1988. Changes in nesting sites by female Tawny Owl (*Strix aluco*). Edited by R. Budris and others. Abstracts of the XII Baltic Ornithological Conference. Vilnius. 201-202. In Russian.

Žebelis G., **Rumbutis S.** 1986. Ecology of birds of prey nesting in Dotnuva forests. Ecology of birds of the Lithuanian SSR. Vilnius. 111-117. In Russian.

Rumbutis S. 1986. Breeding success of the Tawny Owl (*Strix aluco*) in the Dotnuva Forest (Central Lithuania) in 1976-1985. Study of birds of the USSR, their protection and rational use. Edited by V.D. Ilyichev et al. Abstracts of reports of the 1st Congress of the All-Union Ornithological Society and the IX All-Union Ornithological Conference. Leningrad. 201-202. In Russian.

Rumbutis S. 1983. Defensive behavior of the Tawny Owl (*Strix aluco*) during the nesting period. Edited by E. Kumari and others. Abstracts of the XI Baltic Ornithological Conference. Tallinn. 185-186. In Russian.

Rumbutis S. 1982. Data on the diet of the Long-eared Owl (*Asio otus*) and the Tawny Owl (*Strix aluco*) in the Central Lithuanian lowland. Ecological research and protection of birds of the Baltic republics. Edited by R. Budris et al. Abstracts of the Baltic Conference of Young Ornithologists. Kaunas. 69-73. In Russian.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

- 2020 **National coordinator** of the project. ERBFacility - European Raptor Biomonitoring Network. Study of environmental pollutants in the organisms of European birds of prey.
- 2023 **Researcher** (representative in Lithuania). Study of the distribution of breeding black grouse (*Milvus migrans*) subspecies in Europe (Supervisor: Ivan Literák, D.V.M., Ph.D. Professor, Head of the Department. Department of Biology and Wildlife Diseases, University of Veterinary Sciences, Palackého Brno, Czech Republic.

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. Dementavičius, D., **Rumbutis, S.**, Vaitkuvienė, D., Dagys, M. and Treinys, R. Does a Lesser Spotted Eagle suffers fitness costs in a high-density area of the White-tailed Eagle? SEA EAGLE 2017 CONFERENCE, 5–7 October, Roosta, Estonia.
2. Dementavičius, D., **Rumbutis, S.**, Vaitkuvienė, D., Dagys, M. and Treinys, R. Does mesopredator Lesser Spotted Eagle suffers breeding costs in a high-density area of the White-tailed Eagle? The Lesser Spotted Eagle Conference, Burgas, Bulgaria, 11-14 of October, 2017.
3. Dementavičius, D., **Rumbutis, S.**, Vaitkuvienė, D., Dagys, M., Treinys, R. Does the Whitetailed Eagle predation on the intraguild and internationally protected bird species presents a sharp conservation dilemma? SEA EAGLE 2017 CONFERENCE, 5–7 October, Roosta, Estonia.
4. Dementavičius, D., **Rumbutis, S.**, Vaitkuvienė, D., Dagys M., Treinys, R. Are geese an important component of diet for the White-tailed Eagle nestlings in Lithuania? THE 18TH CONFERENCE OF GOOSE SPECIALIST GROUP, 27–30 March 2018, Klaipėda,

National scientific conferences:

Rumbutis S. 2019. Bird collection and ornithological research in Kaunas Tadas Ivanauskas Zoological Museum 1989-2019. The conference of the Lithuanian Ornithological Society "Ornithological research in Lithuania", which was intended to mark the 30th anniversary of the independent Lithuanian Ornithological Society and the 35th anniversary of the establishment of the society itself. Kaunas, Lithuania.

https://www.birdlife.lt/upload/user_uploads/portalui/LOD_gimtadienis_30/S._RUMBUTIS_Pauksci%C5%B3_kolekcija_ir_ornitologiniai_tyrimai_T._Ivanausko_zoologijos_muziejuje.pdf

Grigonis R., **Rumbutis S.** 2023. Development of zoological research in Kaunas Tadas Ivanauskas Museum of Zoology. A conference dedicated to the 140th anniversary of the birth of Academician Tadas Ivanauskas (1882–1970) Legacy of Academician Tadas Ivanauskas: established institutions and their departments and their activities today. Kaunas, Lithuania.

<https://www.zoomuziejus.lt/cpt-news/akademiko-tado-ivanausko-palikimas-ikurtos-istaigos-ir-ju-padaliniai->

[bei-ju-siandiene-veikla/](#)

PARTICIPATION IN THE STUDY PROCESS

Supervision of bachelor and master students:

Greta Skinkytė	Bachelor's thesis topic: "Wintering water birds in the Kaunas Ornithological Reserve" (Vytautas Magnus University, Environmental studies program, field of ecology and environmental studies).	2012 - 2013
Boris Mladenov Belchev	Bachelor thesis topic: "Monitoring of seagulls visiting landfills. Species diversity, abundance, behavior and migration characteristics" (Vytautas Magnus University, Environmental studies program, field of ecology and environmental studies).	2013 - 2014
Irmina Vaičiūnaitė	Bachelor thesis topic: "Abundance and territorial distribution of the Rook (<i>Corvus frugilegus</i>) in Lithuania in 1985/1986 and in 2014 (Vytautas Magnus University, Environmental studies program, field of ecology and environmental studies).	2015 - 2016
Šarūnas Butkus	Master's thesis topic: "Problems caused by crows (<i>Corvidae</i>) in the city and ways to solve them" (Vytautas Magnus University, Molecular field of study in biology and biotechnology).	2020 - 2021

OTHERS

I have published over 100 popular science articles. Interviews, TV and radio shows, trainings, seminars, excursions. I conduct/participate in over 20 events every year.

A lecture. In the Curonian Spit National Park, Juodkrantė 2021-08-06. "Other talks about birds".

<https://nerija.lrv.lt/lt/renginiai/mokslo-kavine-kitokie-pasikalbejimai-apie-paukscius>

TV interview. In forest near Kaunas a family of black storks is late in their flight: they are speculating whether they will be able to leave on 24/08/2021.

<https://www.tv3.lt/naujiena/video/pakauneje-juoduju-gandru-seima-veluoja-isskristi-spelioja-ar-jie-spes-isvykti-n1111274>

A lecture. In the Curonian Spit National Park, Juodkrantė 08/09/2022. "Birds are our neighbors. Neighborhood pluses and minuses".

<https://nerija.lrv.lt/lt/renginiai/mokslo-kavine-pauksciai-musu-kaimynai-kaimynystes-pliusai-ir-minusai-su-ornitologu-sauliumi-rumbuciu>

Radio interview. LRT Nature is everyone's home. 02/18/2023 06:30. How do owls live next to humans?

<https://www.lrt.lt/mediateka/irasas/2000258403/gamta-visu-namai-kaip-sekasi-peledoms-gyventi-greta-zmoniu>

Excursion in nature. In the Curonian Spit National Park, Juodkrantė 07/05/2023. "Talking about birds, building an owl's nest."

<https://www.facebook.com/photo/?fbid=659998496167127&set=gm.2840175976116517>

Educational event. Curonian Spit National Park, Nida 08/08/2023. "Messages from the transmitters of birds of prey".

<https://www.visitneringa.com/de/ka-nuveikti/renginiai/educacinis-renginys-zinutes-is-plesriuju-pauksciu-gyvenimo-17855.html>

TV3 interview. Sad statistics about storks: very few chicks this summer 2023-09-02 07:00 / source: TV3 / aut. Vaida Girče.

<https://www.tv3.lt/naujiena/video/liudina-statistika-del-gandru-jaunikliu-per-sia-vasara-labai-mazain1255385>

TV3 interview. 10/12/2023. About Lesser Spotted Eagle screaming with transmitters.

<https://play.tv3.lt/lives/tv3-lt,live-2831094/tv3-vakaro-zinios,programme-6179735>